

## SAMPLE SUPPORT

**Publication number:** WO9946045

**Publication date:** 1999-09-16

**Inventor:** PETERS RALF-PETER (DE); UENAL NEZIH (DE);  
OSTERLOH DIRK KLAUS (DE); BACKES HERBERT  
(DE)

**Applicant:** MICROPARTS GMBH (DE); MERLIN MIKROBIOLOG  
DIAG GMBH (DE); PETERS RALF PETER (DE); UENAL  
NEZIH (DE); OSTERLOH DIRK KLAUS (DE); BACKES  
HERBERT (DE)

**Classification:**






**- international:** *G01N31/20; B01L3/00; C12M1/34; G01N37/00;*  
*G01N31/20; B01L3/00; C12M1/34; G01N37/00; (IPC1-*  
*7): B01L3/00*

**- european:** B01L3/00C6M






**Application number:** WO1999EP01607 19990311

**Priority number(s):** DE19981010499 19980311; DE19991002309 19990121

**Also published as:**

 EP1062042 (A1)  
 EP1062042 (A0)  
 CA2323424 (A1)  
 EP1062042 (B1)  
 AU739563B (B2)

**Cited documents:**

 US5223219  
 US5230866  
 US4426451  
 US4038151  
 EP0282840  
more >>

**Report a data error here**

### Abstract of WO9946045

The invention relates to a sample support comprising at least one sample chamber for receiving a sample fluid, and a distribution channel for sample fluid which is connected with the at least one sample chamber. At least one distribution channel extends from each sample chamber. The sample support further comprises at least one reaction chamber into which a supply channel branching off the at least one distribution channel discharges, as well as a ventilation opening for each reaction chamber. The dimensions of each distribution channel and each supply channel are such that the fluid is transported through the distribution and supply channels by way of capillary forces. In each reaction chamber a device for generating a capillary force is positioned in the area of discharge of the supply channel to ensure that the sample fluid flows from the supply channel into the reaction chamber.

---

Data supplied from the **esp@cenet** database - Worldwide